

INTERNATIONAL SEARCH REPORT

Int'l Application No
PCT/JP2004/006180

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 C09K11/06 H05B33/14 H01L51/30

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 C09K H05B H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, COMPENDEX, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	D. EISLER, W. HONG, M.C. JENNINGS, R.J. PUDDEPHATT: "An organometallic octopus complex: structure and properties of a resorcinarene with 16 cobalt centers" ORGANOMETALLICS, vol. 21, 2002, pages 3955-3960, XP002290460 columns 2-3,6-7; examples; tables 1,2	1-8,11, 12,17-20
X	EP 1 245 659 A (SUMITOMO CHEMICAL CO) 2 October 2002 (2002-10-02) pages 3,9,21 page 25, line 39 - page 26, line 10 page 33; claims	1-9, 17-20

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

° Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
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Date of the actual completion of the International search

2 August 2004

Date of mailing of the International search report

16/08/2004

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>LU W ET AL: "The 3(PIPI*) Emission of Cy3PAu(C=C)nAuPCy3 (n=3, 4). Effect of Chain Length upon Acetylenic 3(pipi*) Emission" ORGANOMETALLICS, ACS, COLUMBUS, OH, US, vol. 21, 5 March 2002 (2002-03-05), pages 2343-2346, XP002272313 ISSN: 0276-7333 the whole document</p> <p>-----</p> <p>N.C. PAYNE, R. RAMACHANDRAN, I. TREURNICHT, R.J. PUDDEPHATT: "Easy double structure of a diphosphinomethane ligand: structure of the remarkable octagold cage complex" ORGANOMETALLICS, vol. 9, 1990, pages 880-882, XP002290461 the whole document</p> <p>-----</p> <p>NARAYANASWAMY R ET AL: "Synthesis, Structure, and Electronic Spectroscopy of Neutral, Dinuclear Gold(I) Complexes. Gold(I)-Gold(I) Interactions in Solution and in the Solid State" INORGANIC CHEMISTRY, AMERICAN CHEMICAL SOCIETY, EASTON, US, vol. 32, 1993, pages 2506-2517, XP002280188 ISSN: 0020-1669 pages 1-2; table 1</p> <p>-----</p> <p>R.J. PUDDEPHATT ET AL.: "Rigid-rod polymers and model compounds with gold(I) centers bridged by diisocyanides and diacytetylides" ORGANOMETALLICS, vol. 15, 1996, pages 51-57, XP002290462 the whole document</p> <p>-----</p> <p>R.J. PUDDEPHATT: "Luminescent gold(I) acetylides: from model compound to polymers" ORGANOMETALLICS, vol. 16, 1997, pages 3541-3547, XP002290463 the whole document</p> <p>-----</p>	1-7, 14
X		1, 3-6, 8, 11-13
X		1, 3-8, 10, 15-17
A		1-20
A		1-20

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INTERNATIONAL SEARCH REPORT

Information on patent family members

Int'l	ional Application No
PCT/JP2004/006180	

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 1245659	A 02-10-2002	EP 1245659 A1 JP 2003171659 A SG 92833 A1 US 2002193532 A1	02-10-2002 20-06-2003 19-11-2002 19-12-2002